Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 25 Jul 2023 until 23:59 on Wednesday 26 Jul 2023

Forecast Issued on Tuesday 25 Jul 2023 at 03:45

Confidence: High confidence in an unsettled week. Moderate confidence in arrival time of rain on Wednesday, lower in clearance time on Thursday. Low confidence in detail from Friday.

Headline for Tuesday 25 Jul 2023: Sunny spells and showers.

Mountain weather hazards on Tuesday 25 Jul 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Light rain showers	Light rain showers	Heavy rain showers	Heavy rain showers	Partly cloudy (night)
Precipitation probability					
20%	30%	60%	60%	30%	20%

Forecast for Tuesday 25 Jul 2023

Weather: Some sunny spells at first, but cloud will soon develop, with showers from late morning. These will generally be light, but the odd heavier shower is possible later in the afternoon, particularly in the east, with an outside chance of thunder. Temperatures falling quickly during the evening.

Chance of cloud-free hill tops above 600m: 60%, becoming 90%.

Low cloud and visibility: Cloud base around 500m at first, lifting by mid-morning to clear all but the highest summits. Lifting further during the afternoon and tending to break up slightly, with clear spells during the early evening. Generally good visibility, particularly during the afternoon and evening, but poor in early cloud and in any heavier showers in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 25 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/13 W	11/13 W	13/19 NW	16/22 W	17/23 W	12/17 W	13/18 W
300	8/10 SW	9/11 W	9/14 NW	14/21 W	13/20 W	7/13 W	9/13 SW
Valley	4/7 SW	8/12 W	6/12 NW	12/23 NW	10/20 NW	5/13 W	4/10 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	10/7	11/9	12/9	11/8	9/7	9/6
300	10/8	12/10	14/12	15/12	14/11	12/11	12/10
Valley	11/10	13/12	15/14	16/13	15/13	12/12	12/11
Freezing Level*	1700m	1700m	2000m	2000m	1900m	2100m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note the low temperatures at height, where it will feel markedly colder than in the valleys.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 25 Jul 2023	3.8mm	16.6mm	60mm

Forecast for Wednesday 26 Jul 2023

Weather: Early low cloud will clear by mid-morning, with some bright or sunny spells for a time, and perhaps an isolated shower. Rain will arrive from the west late afternoon, becoming increasingly heavy and persistent through the evening.

Maximum wind: Southwesterly 10mph gusting 20mph

Chance of cloud-free hill tops above 600m: 70%

Low cloud and visibility: Patchy low cloud, base 300-400m at first. This will clear by mid-morning, with only high cloud for a time, well above summits. High cloud will thicken and lower later in the afternoon, with cloud becoming extensive from 300m during the evening.

Temperature: **Valleys:** Plus 18C
At 600m: Plus 15C
Freezing level: Above the summits

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